

DEPARTMENT OF METALLURGY AND MATERIALS ENGINEERING
Indian Institute of Engineering Science and Technology, Shibpur
Howrah-711 103

Enquiry No. 09/MET/IEST/2019-20

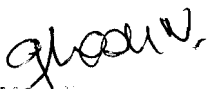
9th September, 2019

To,
All the Enlisted Suppliers/Dealers/Manufacturers

Sealed quotations are invited for supply of the **Erichsen Cupping Test Machine** for the Dept. of Metallurgy and Materials Engineering. The sealed quotations should be addressed to the Head of the Department indicating enquiry no. with date on the top of the sealed envelope. The sealed quotations should be submitted at the office of the department on any of the working day up to 27/09/2019 till 5.00 P.M.

(i) Technical Specifications for Erichsen Cupping Test Machine

Serial No.	Parameters	Technical Specifications
1	Capability (Material types and geometries)	Ability to test drawability of metal sheets
2	Punch stroke	18 mm or better
3	Accuracy of stroke measurement	0.1 mm or better
4	Width of specimen tested	70 mm or less - 90 mm or more
5	Thickness of specimen tested	0.1 -2 mm
6	Equipment type	Bench-top
7	Operation	Manual
8	Material for the body	Cast iron
9	Diameter of the spherical end of the punch	20 ± 0.05 mm, with compatible bore diameter and blank holder dimensions
10	Capability to perform tests in Compliance with Standards	ASTM E643-15 or ISO 20482:2013 or equivalent Indian standard
11	Electricity Requirements	220 V, single phase, 5/15 Amps, 50-60 Hz
12	Delivery and Installation	Equipment to be installed at customer premises in test ready, factory calibrated condition. Room planning including but not limited to civil and electrical work will be executed by supplier. IEST Shibpur will provide main power supply and necessary space only.
13	Warranty	1 year from the date of installation


Manoj Kumar
Head
Dept. Of Met. & Mat. Engg.
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Terms and conditions:

All rates quoted should include all taxes, levies & duties. Request for inclusion of any tax/levy at later stage will not be entertained.

Transportation, Packing, Forwarding, installation, training and Insurance Charges if any to be charged should be specifically indicated.

Delivery place: IEST, Shibpur

GST applicable will be 5% for research facility of the Institute. The certificate will be provided by the Institute with the Purchase Order

The Institute reserves the right to accept or reject all or any of the quotation without assigning any reason whatsoever. The decision of the Institute shall be final in case of any dispute.

The delivery of items must be completed by 2 weeks from the date of issue of Purchase Order.

Bills in Triplicate should be presented for payment within 07 days of supply/completion of Items / work.

The Order no. is to be noted on both challan & Bill.

All bills are to be accompanied with the order copies and challans.

Payment will be made within 90 days from Submission of proper bills; challans etc. by A/c payee cheque or NEFT. No Cash payment will be made under any circumstances. No advance payment can be made All payments are subjected to statutory deductions as and when applicable.


For Foreign Purchase (This clause is applicable only for foreign purchase and not applicable for Indian purchase)

i) Payment will be made through Letter of Credit/Bank Transfer. AWB, Packing list, Warranty certificate, etc. should be provided.

SELECTION WILL BE MADE PURELY ON ESSENTIAL TECHNICAL DOCUMENTS. The IESTS authority will evaluate and compare the quotations (the gross amount i.e. inclusive of all taxes, other charges etc.) determined to be substantially responsive i.e. which- (a) meet the qualification criteria specified in the tender, (b) Are properly signed, and (C) Conform to the terms and conditions, specifications without deviations.

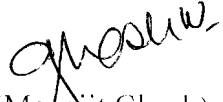
Only one best quality item (according to our specification) should be quoted against each item. On no account should different qualities e.g. A, B, & C of items be quoted. Those items that have been quoted as per different qualities (In contravention to the specifications) will not be considered at all and will be summarily rejected.

Based on our specifications, Brand must be clearly mentioned in the quotation, without which quotation will not be considered.


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All the items will carry a guarantee for a period of 12 months from the date of delivery.
Guarantee for all the items supplied will be on 'all comprehensive' basis, i.e., including repairs, replacements, maintenance etc.

The bidder must submit photo copy of valid Trade License, GST certificate, Professional tax certificate, Cancel Cheque and PAN card along with the quotation.


(Manojit Ghosh)
Head
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Copy forwarded for information to:
Institute Website, IEST, Shibpur, Howrah-711103

For details the vendors may contact Dr. Kaushik Das (Mobile No. 9438169526) during working hours.